

ABSTRACT

REGULATION OF ALLERGEN INDUCED GENE

A composition and method for alleviation of an allergic response by regulation of resistin-like molecules α or β (RELM α or RELM β) expression.

RELMS are also disclosed as markers for assessment of an allergic patient's

5 status, for example, monitoring inflammation and/or tissue repair in a lung or airway of an asthmatic patient. Regulation of RELMS is involved in the pathogenesis of allergic lung inflammation and other allergen-induced conditions.

The discovery of the involvement of RELM α and RELM β in the asthma

10 mechanistically links the pathogenesis of insulin resistance and obesity, known to involve RELMS, with asthma.